

AMENDMENTS TO THE CLAIMS

1. (Canceled)
2. (Currently amended) A coated substrate comprising:
a substrate; and
a silane monolayer,
wherein said silane monolayer has a consistent surface energy with a contact angle consistency within +/- 8 degrees across its surface after significant exposure to moisture.
3. (Currently amended) A coated substrate comprising:
a substrate; and
a silane monolayer, wherein said silane monolayer has a consistent surface energy with a contact angle consistency within +/- 6 degrees across its surface after significant exposure to moisture.
4. (Currently amended) A coated substrate comprising:
a substrate; and
a silane monolayer, wherein said silane monolayer has a consistent surface energy with a contact angle consistency within +/- 4 degrees across its surface after significant exposure to moisture.
5. (Currently amended) A coated substrate comprising:
a substrate; and

a silane monolayer, wherein said silane monolayer has a consistent surface energy with a contact angle consistency within +/- 2 degrees across its surface after significant exposure to moisture.

6. (Currently amended) A coated substrate comprising:

a substrate; and

a silane monolayer, wherein said silane monolayer has a consistent surface energy with a contact angle consistency within +/- 1 degree across its surface after significant exposure to moisture.

7. (Original) The coated substrate of claim 2 wherein said substrate comprises glass.

8. (Original) The coated substrate of claim 7 wherein said glass is soda lime glass.

9. (Original) The coated substrate of claim 7 wherein said glass is pure silica.

10. (Original) The coated substrate of claim 2 wherein said substrate comprises a silicon wafer.

11. (Original) The coated substrate of claim 2 wherein said silane comprises 3-aminopropyltrimethoxysilane.

12. (Original) The coated substrate of claim 2 wherein said silane comprises 3-glydioxypentyl-trimethoxysilane.

13. (Original) The coated substrate of claim 2 wherein said silane comprises an amino silane.
14. (Original) The coated substrate of claim 2 wherein said silane comprises a mercapto silane.
15. (Original) The coated substrate of claim 2 wherein said silane comprises an epoxy silane.
16. (Previously presented) The coated substrate of claim 7 wherein said glass is borosilicate glass.